



Analytical Laboratory

13339 Hagers Ferry Road Huntersville, NC 28078-7929 McGuire Nuclear Complex - MG03A2 Phone: 980-875-5245 Fax: 980-875-4349

Order Summary Report

Order Number:	J10100089			
Customer Name(s):	Sherry Andrews, Bill Foris, John Will	iamson, Normar	n Stambaugh	
Customer Address:	13225 Hagers Ferry Rd Mail Code: MND03 Huntersville,NC 28078-8985			
Lab Contact:	Therona T James	Phone: 70	04-875-4795	
Report Authorized By: (Signature)		Date:		10/21/2010

Program Comments:

MNS Fouling/Pond (June thru October)

Data Flags & Calculations:

Any analytical tests or individual analytes within a test flagged with an "X" or "1" indicate a deviation from the method quality system or quality control requirement. All results are reported on a dry weight basis unless otherwise noted.

Data Package:

This data package includes analytical results that are applicable only to the samples described in this narrative. An estimation of the uncertainty of measurement for the results in the report is available upon request. This report shall not be reproduced, except in full, without the written consent of the Analytical Laboratory. Please contact the Analytical laboratory with any questions. The order of individual sections within this report is as follows:

Job Summary Report, Sample Identification, Technical Validation of Data Package, Analytical Laboratory Certificate of Analysis, Analytical Laboratory QC Reports, Sub-contracted Laboratory Results, Customer Specific Data Sheets, Reports & Documentation, Customer Database Entries, Test Case Narratives, Chain of Custody (COC)

Certification:

The Analytical Laboratory holds the following State Certifications: North Carolina (DENR) Certificate #248, South Carolina (DHEC) Laboratory ID # 99005. Contact the Analytical Laboratory for definitive information about the certification status of specific methods.

Sample ID's & Descriptions:

Sample ID	Plant/Station	Collection Date and Time	Collected By	Sample Description
2010008969	MCGUIRE	04-Oct-10 5:20 PM	BEN LASTRA	1.9 10.0 M
1 Total Samples				

Technical Validation Review

Checklist:

Reviewed By:

Jenny A Herman

	COC and .pdf report are in agreement with sample totals and analyses (compliance programs and procedures).							
All Results are less than the laboratory reporting lir	nits.	Yes	✓ No					
All laboratory QA/QC requirements are acceptable		✓ Yes	□ No					
The Vendor Laboratories have been qualified by th Analytical Laboratory	е	Yes						
Report Sections Included:								
✓ Job Summary Report	☐ Sub-contr	acted Laborat	ory Results					
✓ Sample Identification	☐ Customer Specific Data Sheets, Reports, & Documentation							
✓ Technical Validation of Data Package	☐ Customer	Database En	tries					
✓ Analytical Laboratory Certificate of Analysis	☐ Test Case	e Narratives						
☐ Analytical Laboratory QC Report	✓ Chain of 0	Custody						
	☐ Electronic	Data Delivera	able (EDD) Sent Separately					

Date:

10/19/2010

Certificate of Laboratory Analysis

This report shall not be reproduced, except in full.

Order # J10100089

Site: 1.9 10.0 M Sample #: 2010008969

Collection Date: 04-Oct-10 5:20 PM Matrix: OTHER

Analyte	Result	Units	Qualifiers	RDL	Method	Analysis Date/Time	Analyst
DISSOLVED METALS BY ICP							
Iron (Fe)	0.033	mg/L	0	0.01	EPA 200.7	10/5/2010 3:49:00 PM	MHH
Manganese (Mn)	0.412	mg/L	0	0.005	EPA 200.7	10/5/2010 3:49:00 PM	MHH

Duke Energy Duke Energy Analytical Laboratory		Analytical Laboratory Use Only							NC	NC			Analytical Lab Page _1of⊵a∉e 5 of 5					
Analytical Labora Chain of Custody Sample Log	atory 1339 Hage & Huntersville, (704) 87	rs Ferry Rd N. C. 28078 75-5245	Logged By	000	Matrix Date & Time		د/	30	SAMPL Ground Water	SC E PROGRA	м		ORI	DIST	RIBUTION AB, COPY to (
	ond (June thru Oct)	Phone No: 980-875-5262	Vendor			2.	_		Drinking Water RCRA	Waste	NPDES_ UST_	i						
ent Bill Foris		Fax No: 980-875-4349	PO#		Filtration	0.45 u	-		tered ①	0			Unfilte	red		Û		
iness Unit: Chemical/Physical E	EHS Process: GSWTRGN	Resp. Center To:	MR#			servat			HINC.	T	ice	Ice			HINO,			
ject ID:	Activity ID:	MC00 Mail Code:	!,		Container Vol	ume (r	nL)		500		500	1000	***		500			
		MG03A3	ı		Conta	iner T	уре		HDPE		PET	PET			HDPE			
01000	Sample Descript	ion or ID			aliste all appropriate distances				W u						Total Recoverable (Fe & Mn)			
	Location #	Depth		1	Information	Comp.	Grab		n e		Turb	TSS			Total Recov			
Lab ID	1.9 .(]0,0	m)	Pate Poly/to	Time	Signature	٥	X				1	1						
8969	1.9 (0.0	m)	1 1 1	100	14		х		1									
0 160 1	1.9 (10.0	m)	1			-	х								1			
	10			-														
5	Samples to be o	collected 1																
	meter from I																AA.P ***	
				<u> </u>				ļ <u></u>			-	-						
- Agh	Samples were filtered	d at time of collect	ion or within	15 min	. except where no	ted be	low	1			ļ							
nns to			-															
- Column						+								•				
ppriate			+	-														
appro		1.00	1-		-													
nplete																		
to co																		
tomer						_												
	isto ker to sign & date below			<u> </u>			<u></u>					1						
	10/4/10				100	_	10	te/Time	1820		ound			uested Turi			Total	
linquished By	10/4/10	e/Time	Accepted B	Ala	KMOY	10	<u>5</u>	- 5- /c te/Time	5 13 0	0	Customer, important, prease indicate desired turnaround			sFe,	Mn , TSS	8		
al/Locked By	Dat	te/Time	Sealed/Loc	k Opene	d By		Da	te/Time		-	ner, mily te desire		i Day	31 UID	, 100			
numents NOT	TE: METALS by ICP (Fe) METALS by ICP_MS (M		<u> </u>								indica		*Oth	er dd. Cost Wi	ll Apply			